

AREVA NPMethod for limiting the maintenance loads applied to a fuel assembly of a nuclear reactor and fuel assemblyABSTRACT

A resilient bush (15) for frictionally engaging a centering pin of the fuel assembly is fixed in each of the through-holes (18) of at least one of the end-pieces (7) of the fuel assembly (1). The resilient bush (15) comprises an annular member which has a portion (15a) for fixing in the hole (18) of the end-piece (7) and resilient arms (16) which are separated by apertures (17). The flexible arms (16) of the resilient bush (15) comprise, in a free end portion, a supporting surface (19) which projects radially inside the bush whose diameter is smaller than the diameter of a centering pin of the fuel assembly.

Figure 2.